

Statement 3

September 28, 2016

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See Attachments 23, 24, 25, 26, 27 and 28

I am strongly opposed to the FCC plan to rollout and auction 5G spectrum technology due to the non-thermal biological health effects created by radiofrequency/microwave radiation or electromagnetic fields (EMF) emitted by wireless transmitters. These documented effects are not recognized and not protected by our current FCC safety standards.

The United States needs to stop installing wireless technology as if it's harmless. UCLA along with USC completed an NIH funded study showing that pregnant women using a cell phones had children with more behavioral problems and this was a repeat of a study previously done in Europe showing its validity (see Attachment 23). Yale confirmed the danger of wireless microwave radiation to infants with their study showing that mothers exposed to cell phone radiation had infants with more behavioral and developmental problems (See Attachment 24 for study details). Children will not be protected from wireless microwave radiation exposure with 5G. We need to take into account these and thousands of other studies showing wireless microwave radiation being neurotoxic, carcinogenic and genotoxic (See Attachments 25, 26 and 27 for papers by Dr. Neil Cherry, PhD). The U.S. should stop ignoring these studies and realize that the wireless industry has funded their own studies to call into question the findings of research on wireless microwave radiation health effects. The industry studies are often designed to be too short in duration to show wireless microwave health effects or leave out the most affected populations or generally designed to minimize or avoid known health effects. When the Italian Supreme Court ruled that cell phones could cause brain tumors they took into account the funding source of the research being submitted and the quality of the research design in the studies questioning wireless health effects. (See Attachment 28)

I am strongly opposed to the FCC plan to rollout and auction 5G spectrum technology due to the non-thermal biological health effects created by radiofrequency/microwave radiation or electromagnetic fields (EMF) emitted by wireless transmitters. These documented effects are not recognized and not protected by our current FCC safety standards. MD and PhD experts, in the field of wireless microwave radiation health effects, warn us of the serious harm that microwave technology especially 5G along with its required deployment of multiple transmitters, will cause. We ask that you abort your plan to auction 5G spectrum and immediately halt the rollout of 5G technology testing. We need to immediately institute safety standards that take into account non-thermal biological health effects. The research attached and cited shows that, at the power levels required for this technology to operate reliably over the project's large areas, the radiofrequency/microwave radiation will have significant biological health effects,

especially on electrosensitive individuals and children (Cancer, Neurological effects, immune system disorders, reproductive harm and others). **We are asking that you focus instead on installing only fiber optic wired connection to the Internet along with individualized subsidies to help poor people pay for wired/cabled connection to the Internet. Fiber optic wired connections eliminates wireless microwave radiation transmissions thus eliminating wireless microwave radiation health effects. In addition we insist on instituting RF Exposure standards significantly lower than our current thermal standards as recommended and supported by the Bioinitiative Report (Bioinitiative.org/conclusions) of 0.0003 microWatts per centimeter squared.**

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